

**LIST OF DOCUMENTS FOR FINAL REPORT TO CONGRESS
UNDER THE INTERNATIONAL DOLPHIN CONSERVATION PROGRAM ACT**

- Archer, F., T. Gerrodette and A. Jackson. 2002. Preliminary estimates of the annual number of sets, number of dolphins chased, and number of dolphins captured by stock in the tuna purse-seine fishery in the eastern tropical Pacific, 1971-2000. SWFSC Admin Rept. **LJ-02-10**. 26p.
- Archer, F. and S.J. Chivers. 2002. Age structure of the northeastern spotted dolphin incidental kill by year from 1971 to 1990 and 1996 to 2000. SWFSC Admin. Rept. **LJ-02-12**. 18p.
- Ballance, L.T., P.C. Fiedler, T. Gerrodette, R.L. Pitman and S.B. Reilly. 2002. An overview of eastern tropical Pacific ecosystem studies within the context of International Dolphin Conservation Program Act research. SWVSC Admin Rept. **LJ-02-14**. 9 p.
- Ballance, L.T., R.L. Pitman, L.B. Spear, and P.C. Fiedler. 2002. Investigations into temporal patterns in distribution, abundance and habitat relationships within seabird communities of the eastern tropical Pacific. SWFSC Admin Rept **LJ-02-17**. 79 p.
- Brandon, J., T. Gerrodette, W. Perryman and K. Cramer. 2002. Responsive movement and g(0) for target species of research vessel surveys in the eastern tropical Pacific. SWFSC Admin Rept. **LJ-02-02**. 28p.
- Chivers, S.J. 2002. Age structure of female eastern spinner dolphins (*Stenella longirostris orientalis*) incidentally killed in the eastern tropical Pacific tuna purse-seine fishery. SWFSC Admin Rept. **LJ-02-11**. 11p.
- Chivers, S.J. and M.D. Scott. 2002. Tagging and tracking of *Stenella* spp. during the 2001 CHASE encirclement stress studies cruise. SWFSC Admin Rept. **LJ-02-33**. 24p.
- Cowan, D.F. and B.E. Curry. 2002. Histopathological assessment of dolphins necropsied onboard vessels in the eastern tropical Pacific tuna fishery. SWFSC Admin Rept **LJ-02-24C**. 31p.
- Cramer, K. and W.L. Perryman. 2002. Estimation of reproductive and demographic parameters of the eastern spinner dolphin (*Stenella longirostris orientalis*) using aerial photogrammetry. SWFSC Admin. Rept. **LJ-02-31**. 25p.
- Dizon, A., A. Allen, N. Kellar, and Sarka Southern. 2002. Stress in spotted dolphins (*Stenella attenuata*) associated with purse-seine tuna fishing in the eastern tropical Pacific. SWFSC Admin Rept. **LJ-02-26**. 24p.
- Edwards, E.F. 2002. Behavioral contributions to separation and subsequent mortality of dolphin calves chased by tuna purse-seiners in the eastern tropical Pacific Ocean. SWFSC Admin Rept. **LJ-02-28**. 34p.

- Edwards, E.F. 2002. Energetics consequences of chase by tuna purse-seiners for spotted dolphins (*Stenella attenuata*) in the eastern tropical Pacific Ocean. SWFSC Admin. Rept. **LJ-02-29**. 33p.
- Escorza-Trevino, S., A. Lang and A.E. Dizon. 2002. Genetic differentiation and intraspecific structure of eastern tropical Pacific spotted dolphins, *Stenella attenuata*, revealed by mitochondrial and microsatellite DNA analyses. SWFSC Admin Rept. **LJ-02-38**. 20p.
- Fiedler, P.C. and V.A. Philbrick. 2002. Environmental change in the eastern tropical Pacific Ocean: Observations in 1986-1990 and 1998-2000. SWFSC Admin Rept **LJ-02-15**. 16p.
- Fiedler, P.C. 2002. Environmental change in the eastern tropical Pacific Ocean: Review of ENSO and decadal variability. SWFSC Admin Rept. **LJ-02-16**. 38p.
- Forcada, J. 2002. Multivariate methods for size-dependent detection in conventional line transect sampling. SWFSC Admin Rept. **LJ-02-07**. 35p.
- Forney, K.A., D.J. St. Aubin, and S.J. Chivers. 2002. Chase encirclement stress studies on dolphins involved in eastern tropical Pacific Ocean purse-seine operations during 2001. SWFSC Admin. Rept. **LJ-02-32**. 27p.
- Gerrodette, T. & J. Forcada. 2002. Estimates of abundance of northeastern offshore spotted, coastal spotted, and eastern spinner dolphins in the eastern tropical Pacific Ocean. SWFSC Admin Rept. **LJ-02-06**. 43p.
- Gerrodette, T., W. Perryman and J. Barlow. 2002. Calibrating group size estimates of dolphins in the eastern tropical Pacific Ocean. SWFSC Admin Rept. **LJ-02-08**. 27 p.
- Gerrodette, T. & J. Forcada. 2002. Estimates of abundance of striped and common dolphins, and pilot, sperm and Bryde's whales in the eastern tropical Pacific Ocean. SWFSC Admin Rept. **LJ-02-20**. 20p.
- Kinzey, D., T. Gerrodette, and D. Fink. 2002. Accuracy and precision of perpendicular distance measurements in shipboard line-transect sighting surveys. SWFSC Admin Rept. **LJ-02-09**. 43p.
- Mesnick, S.L., F.I. Archer, A.C. Allen, and A.E. Dizon. 2002. Evasive behavior of eastern tropical Pacific dolphins relative to effort by the tuna purse-seine fishery. SWFSC Admin Rept. **LJ-02-30**. 35p.
- Moser, H.G., P.E. Smith, R.L. Charter, D.A. Ambrose, W. Watson, S.R. Charger, and E.M. Sandknop. 2002. Preliminary report on ichthyoplankton collected in manta (surface) net tows on marine mammal surveys in the eastern tropical Pacific: 1987-2000. SWFSC Admin Rept **LJ-02-18**. 71 p.

- Pabst, D.A., W.A. McLellan, E.M. Meagher, A.J. Westgate. 2002. Measuring temperatures and heat flux from dolphins in the eastern tropical Pacific: Is thermal stress associated with chase and capture in the ETP-tuna purse seine fishery? SWFSC Admin Rept. **LJ-02-34C**. 54p
- Pitman, R.L., L.T. Ballance and P.C. Fiedler. 2002. Temporal patterns in distribution and habitat associations of prey fishes and squids. SWFSC Admin Rept. **LJ-02-19**. 52p.
- Reilly, S.B., P.C. Fiedler, T. Gerrodette, L.T. Ballance, R.L. Pitman, J.M. Borberg, and R.C. Holland. 2002. Eastern tropical Pacific dolphin habitats - Interannual variability 1986-2000. SWFSC Admin Rept. **LJ-02-21**. 44 p.
- Reilly, S.B., L.T. Ballance, P.C. Fiedler, T. Gerrodette, R.L. Pitman, H.G. Moser, L.B. Spear, and J.M. Borberg. 2002. Recent information to aid in detecting regime shifts in the eastern tropical Pacific Ocean. SWFSC Admin Rept. **LJ-02-22**. 21 p.
- Romano, T., K. Abella, D. Cowan, and B. Curry. 2002. Investigation of the morphology and autonomic innervation of the lymphoid organs in the pantropical spotted, spinner, and common dolphins (*Stenella attenuata*, *S. longirostris* and *Delphinus delphis*) incidentally entangled and drowned in the tuna purse-seine fishery in the eastern tropical Pacific. SWFSC Admin Rept. **LJ-02-25C**. 25 p.
- Romano, T., M. Keough, and K. Danil. 2002. Investigation of the effects of repeated chase and encirclement on the immune system of spotted dolphins (*Stenella attenuata*) in the eastern tropical Pacific. SWFSC Admin Rept. **LJ-02-35C**. 37p.
- Santurtun-Oliveros, E. and Francisco Galindo-Maldonado. 2002. Coping behaviors of spotted dolphins during fishing sets. SWFSC Admin Rept. **LJ-02-36C**. 19p.
- Southern, A. Allen and N. Kellar. 2002. Molecular signature of physiological stress in dolphins based on protein expression profiling of skin. SWFSC Admin. Rept. **LJ-02-27**. 35p.
- St. Aubin, D.J. 2002. Further assessment of the potential for fishery-induced stress on dolphins in the eastern tropical Pacific. SWFSC Admin Rept **LJ-02-23C**. 13p.
- St. Aubin, D.J. 2002. Hematological and serum chemical constituents in pantropical spotted dolphins (*Stenella attenuata*) following chase and encirclement. SWFSC Admin Rept. **LJ-02-37C**. 49p.
- Wade, P.R. 2002. Assessment of the population dynamics of the northeastern offshore spotted and the eastern spinner dolphin populations through 2002. SWFSC Admin Rept. **LJ-02-13**. 55p